

17(4)

AUTHORS:

Neyfakh, A. A., Rott, N. N.

SOV/20-125-2-55/64

TITLE:

Synchronization of Cell Divisions in Early Embryos of Misgurnus fossilis Under the Influence of Low Temperature (Sinkronizatsiya kletochnykh deleniy u rannikh zarodyshey v'yuna Misgurnus fossilis putem vozdeystviya ponizhennoy temperatury)

PERIODICAL:

Doklady Akademii nauk SSSR, 1959, Vol 125, Nr 2, pp 432-434  
(USSR)

ABSTRACT:

The phenomenon mentioned in the title is known to be found in infusoria (Ref 1). As far as the authors know, an artificial synchronization has not yet been attained with multi-cellular organisms. The embryos of Misgurnus fossilis were experimentally used in two stages of development: a) medium blastula (development at 21° for 8 hours, Ref 2) and b) early gastrula (12-13 hours). The synchronous division of blastomeres is maintained in the case of Misgurnus fossilis up to the early blastula (for 6-7 hours) and then becomes asynchronous (Ref 2). In the present experiment eggs (spawn) were placed from room temperature (18°) into a refrigerator (3°) for two hours and put again into warm water of 18° (Ref 3). From the last temperature increase onward, the embryos were fixed every

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Synchronization of Cell Division in Early Embryos of SOV/20-125-2-55/64  
*Misgurnus Fossilis* Under the Influence of Low Temperature

4 min for 1 h. Figure 1 shows that the radiosensitivity of embryos changes periodically with a synchronized cell division. The lowest degree of sensitivity is recorded during the period of highest mitotic activity, i.e. during the interkinesis, which is contrary to the data of reference 5. The authors try to explain the difference. Synchronization of the cell divisions of the early gastrula failed (Table 1)(similar phenomena were found with newt larvae, Ref 6). From their results the authors draw the following conclusions: the synchronization of the first egg divisions possibly can be suppressed for the moment, that is to say, the beginning differentiation can be caused to take place in an earlier state with synchronous cell divisions. Apparently, this reversibility is lost within the stage of gastrulation. This observation requires confirmation and checking under various modified experimental conditions. The mechanism of the asynchronous development possibly is not directly connected with the activity of the cell nuclei (Refs 2,7). The development of the division asynchrony is by no means affected by nuclear inactivation due to radiation.

Card 2/3

Synchronization of Cell Divisions in Early Embryos of SOV/20-125-2-55/64  
Misgurnus Fossilis Under the Influence of Low Temperatures

There are 2 figures, 1 table, and 7 references, 3 of which are Soviet.

ASSOCIATION: Institut morfologii zhivotnykh im. A. N. Severtsova Akademii nauk SSSR (Institute of Animal Morphology imeni A. N. Severtsova of the Academy of Sciences, USSR). Institut biofiziki Akademii nauk SSSR (Institute of Biophysics of the Academy of Sciences, USSR)

PRESENTED: November 5, 1958, by I. I. Shmal'gauzen, Academician

SUBMITTED: October 16, 1958

Card 3/3

GOFMAN, D.N.; ROTT, N.N.

Development of the external form of wings in some nidifugous  
and ~~nidicolous~~ birds; materials on laws governing the embryogeny  
of birds. Sbor. trud. Zool. muze. MGU 8:261-287 '61. (MIRA 15:5)  
(Wings)

EL'DAROV, A.L.; ROTT, N.N.

Localized effects of ionizing radiation on cellular components.  
Tsitologiya 3 no.4:377-388 Jl-Ag '61. (MIRA 14:8)

1. Laboratoriya eksperimental'noy embriologii Instituta morfologii  
zhivotnykh AN SSSR, Moskva.  
(RADIATION--PHYSIOLOGICAL EFFECT) (CELLS)

17(4)

AUTHOR:

Rott, N. N.

SOV/20-125-4-64/74

TITLE:

The Effect of Colchicine on Irradiated Misgurnus Fossilis  
Embryos (Deystviye kolkhitsina na obluchennykh zarodyshey  
v'yuna Misgurnus fossilis)

PERIODICAL:

Doklady Akademii nauk SSSR, 1959, Vol 125, Nr 4, pp 917-920  
(USSR)

ABSTRACT:

The author recalls the effect of colchicine on unirradiated embryos. The combined effect of colchicine and irradiation has also been studied (Refs 2-4). Unlike the procedure applied in former experiments the author treated the embryos with colchicine after irradiation with high doses causing a mass pyknosis. At first the effect of colchicine was studied in unirradiated Misgurnus fossilis embryos. The results are listed in table 1. They show that the destructive effect of colchicine decreases with decreasing concentration and with the age of the embryo. It has been proved before (Ref 6) that, when these embryos are irradiated with 10,000 r up to 6 hours, their development is suspended at 9 hours (late blastula stage). The embryo does not, however, die instantly after suspension of the development: when irradiated up to 4 hours, 50 per cent of the embryos only die at 11 to 13 hours; when irradiated at later

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SOV/20-125-4-64/74

The Effect of Colchicine on Irradiated Misgurnus Fossilis Embryos

stages of development, 50 per cent only die at 20 to 21 hours. If the embryos irradiated up to 6 hours were treated with colchicine, their development was just as before suspended at 9 hours, but the survival time of the embryos irradiated up to 4 hours was considerably increased (Fig 1). In order to explain this strange protective effect of colchicine the influence of the following factors on this protective effect was investigated: 1) Stage of irradiation, 2) time of colchicine treatment after irradiation, 3) concentration of colchicine, and 4) of radiation dose. 1) Up to 6 hours the stage of irradiation does not influence the protective effect (Fig 2). 2) The same may be said of the time of colchicine treatment (Fig 3). 3) A concentration of colchicine which is too high for the respective stage of development may cause an early death of the irradiated embryos because of its destructive effect (Table 1). 4) In that case colchicine does not have a protective effect. The results show that the protective effect of colchicine is not connected with the nucleus. It may be assumed that colchicine has a preservative influence by modifying the qualities of the surface of the embryo. On the other hand there are no necrotic changes in

Card 2/3

SOV/20-125-4-64/74

The Effect of Colchicine on Irradiated *Misgurnus Fossilis* Embryos

the cytological picture of irradiated and colchicine treated embryos in later stages after beginning destruction of irradiated embryos. The described facts permit the conclusion that the survival time of embryos may be increased without their faculty of development being changed. Therefore a certain independence of development factors and viability is demonstrated. There are 3 figures, 1 table, and 10 references, 1 of which is Soviet.

ASSOCIATION: Institut biologicheskoy fiziki Akademii nauk SSSR (Institute of Biological Physics of the Academy of Sciences, USSR)

PRESENTED: December 27, 1958, by A. N. Bakulev, Academician

SUBMITTED: November 28, 1958

Card 3/3

COFMAN, D.N.; ROTT, N.N.

Development of the wing skeleton in the embryogenesis of birds  
with different types of reproduction. Biul. MOIP. Otd. biol.  
66 no.1:40-53 Ja-F '61. (MIRA 14:3)

(EMBRYOLOGY—BIRDS) (WINGS)

ACC NR: AP7004048

SOURCE CODE: HU/0014/67/000/001/0045/0048

AUTHOR: Domony, Andras (Doctor of technical sciences); Rott, Nandorne (Doctor)

ORG: none

TITLE: Development, results, and prospects of the Hungarian aluminum end products industry

SOURCE: Kohaszati lapok, no. 1, 1967, 45-46

TOPIC TAGS: aluminum, economic agreement, industrial production, industrial statistic, aluminum end product

ABSTRACT: Foreign and Hungarian data concerning aluminum consumption are evaluated. The economic importance of the Soviet-Hungarian aluminum treaty to the aluminum processing and manufacturing industry is emphasized. The highest consumption of aluminum in Hungary (35.8%) is in the electrical industry.  
Orig. art. has: 3 figures and 3 tables.

[KS]

SUB CODE: 13, 09/SUBM DATE: none/

Card 1/1

UDC: 669.717.002.64;338.4/338.5:338.98

"APPROVED FOR RELEASE: 07/19/2001

CIA-RDP86-00513R001445510010-0

ROTT, V.A.

Vertical conveyor for bottles. Spirt. prom. 24 no.8:23-24 '58.  
(MIRA 11:12)  
(Conveying machinery)

APPROVED FOR RELEASE: 07/19/2001

CIA-RDP86-00513R001445510010-0"

ROTT, V.A.

Continuous cooking of starchy raw material according to the  
system of the Ryazan' Alcohol Trust. Spirt. prom. 25 no. 4:5-9  
'59. (MIRA 12:7)

(Riazan'--Distilling industries)

"APPROVED FOR RELEASE: 07/19/2001

CIA-RDP86-00513R001445510010-0

ROTT, V.A.

Legal consultation. Vrach.delo.no.11:1233 N '56.

(MLRA 10:3)

1. Juriskonsul't Ministerstva zdravookhraneniya USSR.  
(MEDICAL SERVICE EMPLOYEES)

APPROVED FOR RELEASE: 07/19/2001

CIA-RDP86-00513R001445510010-0"

GUSEL'NIKOV, E.M., inzh.; ROTT, V.Zh., inzh.

Series of single-rod electrohydraulic pushers. Elektrotehnika  
36 no.8:55 Ag '64. (MIRA 17:9)

KOVANDA, M.; ROTT, Z.

Etiological factors in congenital hip dislocation. Observations on  
1052 children. Acta chir. orthop. traum. cech. 29 no.2:161-165 '62.

: Ortopedicka klinika LF University J.Ev.Purkyne v Brne, predn.  
doc. dr. M.Janecek.  
(HIP fract & disloc)

ROTT, Zdenek

X-ray of familial aspects of a solitary case of congenital dislocation of the hip joint. Acta chir. orthop. traum. czech. 27 no.1:12-17 F '60

1. Ortopedicka klinika university v Brne, prednosta prof. dr.  
B. Frejka.  
(HIP fract. & disloc.)

KOVANDA, M.;ROTT, Z.

Report on the examination of the hip in newborn infants. Acta  
chir. orthop. traum. cech. 27 no.1:21-28 F '60

I. Ortopedicka klinika university v Brne, prednosta prof. MUDr.  
B. Frejka.  
(HIP fract. & disloc.)

KOVANDA, M.; ROTT, Z.

Habitual dislocation of the patella. Acta chir. orthop. trauma.  
Cech. 28 no.2:115-117 Ap '62.

1. Ortopedicka klinika University J.E.Purkyne v Brne, predn. prof.  
dr. lek. ved B.Frejka.  
(PATELLA fract & disloc)

RASHKA, K., prof. [Raska, K.] ROTTA, I. [Rotta, J.]

Experimental study of the pathogenesis of streptococcal infection and rheumatic fever. Vop. revn. 2 no.485-10 0-0'62  
(MIRA 1734)

ROTTA, I.; BEDNARA, P.; RASHKA, E.

"Experimental study of streptococcus infections and their sequelae."

Report submitted at the 13th All-Union Congress of Hygienists, Epidemiologists and Infectionists. 1959

ROTTA, J.; RASKA, K.

Some biological properties of cellular components of A streptococci.  
J. hyg. epidem. 7 no.1:16-27 '63.

1. Institute of Epidemiology and Microbiology, Prague.  
(STREPTOCOCCUS) (PYROGENS) (PRECIPITIN TESTS)  
(STREPTOMYCES) (ANTIGENS) (TRYPSIN)

*ROTTA, ✓*

RASKA, K; ROTT A, J.

Antistreptolysin titre in children with rheumatic carditis with  
special reference to treatment and hospitalization. Cas. lek.  
cesk. 89 no.50:1416-1420 15 Dec 50. (CIML 20:4)

1. Of the Department for Microbiological Research of the Third  
Branch of the State Health Institute (Head--Docent Karel Raska,  
M.D.).

ROTTA, Jiri

ZAHRADNICKY, Jiri, MUDr; SYRUCEK, Lubomir, MUDr; BRUCKOVA, Marie;  
JELINKOVA, Jarmila; MICKOVA, Stanislava, ROTT, Jiri, RNDr  
SALACOVA, Jitka

Experience with serologic identification of beta hemolytic Streptococci during the period of 1950-1952. Cesk. hyg. epidem. mikrob.  
2 no.4:291-300 Aug '53.

1. Ustav epidemiologie a mikrobiologie v Praze, red. doc. Dr Karel Raska.

(STREPTOCOCCUS,  
hemolytic B, serol. typing)

HAVA, Milos; MRAZ, Miroslav; KRAUS, Richard; ROTTA, Jiri;  
JELINEK, Jiri

Mechanism of action of streptolysin O and its pharmacological  
effects. Cesk. epidem. mikrob. imun. 5 no.1:26-33 Mar 56.

1. Katedra farmakologie fakulty detskeho lekarstvi a  
farmakologicky ustav KU, Embryologicky ustav KU, Ustav  
epidemiologie a mikrobiologie, Praha.

(STREPTOLYSIN, effects,

on hemoglobin level (Cz))

(HEMOGLOBIN, effect of drugs on,  
streptolysin on level (Cz))

Rotta, JIR

Determination of streptococcal antiproteinase and its relation to some diseases. Jiri Rotta (Ustav epidemiol. and mikrobiol., Prague). *Czechoslov. epidemiol., mikrobiol., imunol.* 5, 133-9(1956).—A method is described for the detn. of antiproteinase (I) activity of serums based on the inhibitory action of I on the coagulation effect of extracellular streptococcal proteinase with milk as substrate. A correlation was found between the values of I and certain diseases. L. J. Urbanek

ROTTA, Jiri; za technicke spoluprace R. Bicove.

Titration of streptococcal antiprotease and its finding in  
certain streptococcal diseases. Cesk. epidem. mikrob. imun.  
5 no.3:133-139 June 56.

1. Ustav epidemiologie a mikrobiologie, Praha, reditel prof.

Dr. K. Raska.

(PROTEASES,

antiproteases in blood in streptoc. dis. (Cz))

(STREPTOCOCCAL INFECTIONS, blood in,

antiproteases (Cz))

RASKA, K.; ROTTA, J.

Persistance of Streptococcus A in rabbit tissue following  
intranasal infection. Cesk. epidem. mikrob. imun. 5 no.4:  
169-172 July 56.

1. Ustav epidem. a mikrob., Praha, reeditel prof. Dr. K. Raska.  
(STREPTOCOCCAL INFECTIONS, experimental,  
persistance of Streptoc. in rabbits admin. by intranasal  
route after Shwartzman phenomenon (Cz))  
(ALLERGY, experimental,  
Shwartzman phenomenon, persistence of Streptoc. in  
rabbits after intranasal infect. after Shwartzman  
phenomenon (Cz))

JANKU, Ivo; HAVA, Milos; ROTTA, Jiri

Effect of streptolysin O on the ascorbic acid level of the adrenal cortex  
and on the glycogen content of the liver. J. Hyg. Epidemiol., Praha 1 no.3:  
338-341 1957.

1. Pharmakologisches Laboratorium des Chemischen Instituts der  
Tschechoslowakischen Akademie der Wissenschaften, Prag. Institut fur  
Epidemiologie und Mikrobiologie, Prag.

(STREPTOLYSIN, eff.

O, on ascorbic acid level in adrenal cortex & on glycogen  
content of liver)

(VITAMIN C, determ.

in adrenal cortex, eff. of streptolysin O)

(GLYCOGEN, determ.

in liver, eff. of streptolysin O)

(ADRENAL CORTEX, metab.

vitamin C, eff. of streptolysin O)

(LIVER, metab.

same)

*RETTA J.*  
RASKA, K.; ROTTI, J.; BEINAR, B.

Experimental intranasal infection of rabbits with group A streptococci.  
J. Hyg. Epidem., Praha 1 no.4:377-386 1957.

1. Institute of Epidemiology and Microbiology, Prague, and the First  
Institute of Pathology, Charles University, Prague.  
(STREPTOCOCCAL INFECTIONS, experimental,  
A, intranasal in rabbits technic)

KRATKOVA, E.; ROTTA, J.

Antiprotease in acute glumerulonephritis. Cas. lek. cesk.  
96 no.17:510-513 26 Apr 57.

1. Detske interni oddeleni Thomayerovy nemocnice v Praze-  
Drci, primar MUDr. E. Kratkova. epidemiologie a mikrobiologie v  
Praze, reditel prof. Dr. K. Raska.

(GLOMERULONEPHRITIS, in inf. & child  
streptoc. antiprotease titre (Cz))

(PROTEASES, antagonists  
streptoc. antiprotease in acute glomerulonephritis (Cz))

(STREPTOCOCCUS,  
streptoc. antiprotease titer in glomerulonephritis (Cz))

CZECHOSLOVAKIA/Microbiology - Microorganisms Pathogenic to  
Humans and Animals.

F-4

Abs Jour : Ref Zhur - Biol., No 10, 1958, 43338

Author : Raska, K., Rotta, J., Bednar, B.

Inst : - Inst ~~Epidemiology & Microbiology~~, Prague  
Title : Experimental Intranasal Infection of Rabbits by Group A  
Streptococci.

Orig Pub : Casop. lckaru ceskych, 1957, 96, No 27-28, 896-901.

Abstract : Intranasal infection of rabbits by group A streptococci carried out once or on several successive days produced a slight catarrhal inflammation of nasal mucus with streptococci disappearing in a period of 2-4 days and there being no effect on the titer of antistreptolysin O and anti-proteinase. In repeated infection, after 3-4 weeks, an increase of antistreptolysin and anti-proteinase O titers is observed at times. When the general (Schwartzmu ?) reaction is combined with subsequent infection by

Card 1/2

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ZEMAN, K.; ROTTA, J.

Radiophosphorus labeling of beta-hemolytic Streptococcus and its detection following experimental infection. Cesk. epidem. mikrob. imun. 298-305 Sept 58.

1. Ustav epidemiologie a mikrobiologie v Praze.

(STREPTOCOCUS,  
beta-hemolytic strains, radiophosphorus labeling & detection in exper. infect. (Cz))

(PHOSPHORUS, radioactive,  
labeling beta-hemolytic Streptoc. (Cz))

RASKA, K.; BEDNAR, B.; ROTTA, J.; JELINEK, J.; MOTTL, J.

On the question of the virulence of haemolytic streptococci.J.hyg.  
epidem., Praha 3 no.4:357-364 1959.

1. Institute of Epidemiology and Microbiology, Prague and The  
First Institute of Pathology, Charles University, Prague.  
(STREPTOCOCCAL INFECTIONS exper.)

VANECKE, J.; RASKOVA, H.; JELINEK, J.; RASKA, K.; ROTTA, J.; MATEJOVSKA, V.

Changes of animal resistance to bacterial toxins induced by phenol.  
Cesk. fysiol. 8 no.3:256-257 Apr 59.

1. Katedra farmakologie fak detskeho lek. KU a Ustav pro epidemiologii  
a mikrobiologii, Praha. Predneseno na III. fysiologickych dnech v Brne  
dne 14. 1. 1959.

(BACTERIA,

toxins, eff. of phenol on animal resist. (Cz))

(PHENOIS, effects,

on animal resist. to bact. toxins (Cz))

ROTTA, J.; ZEMAN, K.

Clearance of beta hemolytic streptococci labeled with P32 from  
the blood and their distribution in the reticuloendothelial organs  
in mice after experimental infection. Cesk.epidem.mikrob.imun.9  
no.8:509-516 N°60.

1. Ustav epidemiologie a mikrobiologie v Praze.  
(STREPTOCOCCAL INFECTIONS exper)  
(RETICULOENDOTHELIAL SYSTEM physiol)

ROTTA, J.; RASKA, K.

The course of infection in rabbits following intraperitoneal implantation of chambers containing cultures of streptococcus A. Cesk. epidem. mikrob. imun. 10 no.3:176-183 '61.

1. Ustav epidemiologie a mikrobiologie v Praze.  
(STREPTOCOCCAL INFECTIONS exper.)

KAFKA, H.; ROTTA, J., s technickou spolupraci ZIROVNICKE, J. a STRZINKOVE, D.

Electrocardiography in rabbits during experiments with streptococci  
and their products. I. Basic wave formation. Effect of experimental  
situations on ECG. Cas.lek.cesk 100 no.31:971-975 4 Ag '61.

1. Interni oddeleni fakultni polikliniky v Praze, prednosta prof.  
MUDr. K. Herfort. Ustav epidemiologie a mikrobiologie v Praze, reditel  
prof. MUDr. K. Raska.

(STREPTOCOCCAL INFECTIONS exper)  
(ELECTROCARDIOGRAPHY)

KAFKA, H.; ROTTA, J., s technickou spolupraci ZIROVNICKE, J.; STRZINKOVE, D.

Electrocardiography in rabbits during experiments with streptococci  
and their products. II. Effect of streptococcal infections and  
Shwartzman's reaction on rabbit ECG. Cas.lek.cesk 100 no.31:976-981  
4 Ag '61.

1. Interni oddeleni fakultni polikliniky v Praze, prednosta prof. MUDr.  
K. Herfort Ustav epidemiologie a mikrobiologie v Praze, reditel prof.  
MUDr. K. Raska.

(STREPTOCOCCAL INFECTIONS exper)  
(ALLERGY exper)  
(ELECTROCARDIOGRAPHY)

RASKA, K.; ROTTA, J.; BEDNAR, B.

Model infection of rabbits induced by intraperitoneal implantation  
of chambers with group A streptococci. J. hyg. epidem. 6 no.4:450-  
461 '62.

1. Institute of Epidemiology and Microbiology, Prague, and the First  
Institute of Pathology, Prague.  
(STREPTOCOCCAL INFECTIONS)

RASKA, K.; ROTTA, J.

Non-specific resistance of mice to streptococcal infection induced by A streptococci or their cellular components. J.hyg. epidem. 7 no.3:319-326 '63.

1. Institute of Epidemiology and Microbiology, Prague.

\*

  
CZECHOSLOVAKIA

ROTTA, J., MD; RASKA, K., Prof. MD; BEDNAR, B., Prof. MD.

1. Institute of Epidemiology and Microbiology (Ustav epidemiologie a mikrobiologie), Prague; 2. Institute of Pathological Anatomy of the Medical Faculty of KU (Patologickoanatomicky ustav lekarske fakulty KU),  
Prague

Prague, Prakticky lekar, No 17, 1963, p 670

"Term of Infection in Rabbits After Intraperitoneal  
Implantation of an A Streptococcus Culture."

ROTTA, J.

Long-term examination of the prevalence of the group and  
type (group A) of Streptococcus pyogenes in Czechoslovakia.  
Study in the summer of 1960-1961. Cesk. epidem. mikrob. imun.  
[?] no. 2:65-73 Mr '63.

1. Ustav epidemiologie a mikrobiologie v Praze.  
(STREPTOCOCCUS PYOGENES)

HARAGUS, St.; PAPILIAN, V.V.; UZA, G.; ROTTA, S.

Functional disorders and lesions of the liver in rheumatic disease. Probl. reumat., Bucur. no.6:85-97 '59.  
(RHEUMATISM, pathology)  
(LIVER, pathology)

ROTT, A.E.

2OND-12xl centrifugal pump (commercial tests for oil).  
Mash. i neft.obor. no.11:12-16 '64.

(MIRA 19:1)

1. Vsesoyuznyy zaochnyy inzhenerno-stroitel'nyy institut.

RAKHMILEVICH, Z.Z.; RUDIE, A.E.; CHERNYAK, V.S.

Increasing the power of gas-motor compressors under conditions of  
exploitation. Mash. i neft. oboz. no.5:32-35 '65.

(MIRA 13:6)

1. Trest "Promenergo"; Vsesoyuznyy zaochnyy inzhenerno-stroitel'nyy  
institut, Moskva, i Novokuybyshevskiy naftopersrabatyvayushchiy  
zavod.

"APPROVED FOR RELEASE: 07/19/2001

CIA-RDP86-00513R001445510010-0

RAKHMILEVICH, Z.Z.; ROTTE, A.E.

Simplified graphs showing the capacity of 10GK gas-motor compressors.  
(MIRA 18:9)  
Gaz. prom. 10 no.8:39-41 '65.

APPROVED FOR RELEASE: 07/19/2001

CIA-RDP86-00513R001445510010-0"

RAKHMILEVICH, Z.Z.; ROTTE, A.E.

Testing an 8CK gas-engine compressor. Mash. i neft. obor.  
no.6:17-21 '64. (MIRA 18:2)

1. Orgmontazhenergogaz.

ROTTÉ, A.E.

USSR:

- ✓ 569. SHORT DESCRIPTION OF DESIGN AND TEST RESULTS FOR 6 Dn-36/15 (DIESEL)  
ENGINE. Rotté, A.E. (Energ. Byull. Minist. Neft. Prcm. (Pvt. BULL. MINIST.  
OIL, Moscow, Sept. 1954, 8-12). A Soviet four-stroke engine with six 360 by  
450 mm cylinders, giving 600 h.p. at 375 rev/min, is described. (L).

lw gk

"APPROVED FOR RELEASE: 07/19/2001

CIA-RDP86-00513R001445510010-0

ROTTE, A.E.

Investigating the operation of the 34ND-8xi petroleum pump.  
Mash. i neft. obor. no.7:16-19 '64.

(MIRA 17:11)

1. Vsesoyuznyy zaochnyy inzhenerno-strcitel'nyy institut.

APPROVED FOR RELEASE: 07/19/2001

CIA-RDP86-00513R001445510010-0"

AUTHOR:

Rotte, A.E.

SOV/90-56-1-4/9

TITLE:

Conversion of the V2-300A Diesel Engine into a Gas-Driven Motor with Spark Ignition (Perevod dizelya V2-300A na gaz s iskovym zazhiganiyem smesi)

PERIODICAL:

Energeticheskiy byulleten', 1958, Nr 1, pp 17-25 (USSR)

ABSTRACT:

This article is a detailed description of all the changes introduced into the V2-300A diesel engine to convert it into a gas-driven motor with spark ignition. The work was done by an Orgenergoneft' team in the Ukrneft' Trust. The oscillographing was carried out by A.D. Skalov. Technical data stemming from the TsNII (All-Union Central Scientific Research Institute) as well as from the Laboratory of Engines of the Soviet Academy of Sciences was used. A description of test operations is given. Especially examined were: number of revolutions, gas pressure in front of and behind the regulators, rarefaction in single blocks, exhaust-gas temperature in single blocks and cylinders, voltage on generator bars and current intensity corresponding to different phases. The author concludes: 1) conversion of the V2-300A diesel engine into a gas-driven motor with centrally-placed ignition plugs must be considered a success. Normal capacity of the engine

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SOV/90-58-1-4/9

Conversion of the V2-300A Diesel Engine into a Gas-Driven Motor with Spark Ignition

is not affected by it; 2) the operation of the motor during transit stages was also satisfactory. At the end the author gives his advice on how the new gas-driven motor could be further improved. The mixture-forming process, ignition and regulation (dosing) should be improved. Thus gas consumption of the motor would be 0.24 or 0.25 cu m/h p hour if fuelled with a gas having 8,500 cal/cu m, and the exhaust-gas temperature in the blocks would not be higher than 520° C. There are 2 diagrams, 3 tables, 4 graphs and 2 oscillograms.

Card 2/2

ROTT, A.E.

Testing the AN-500 set for hydraulic fracturing and investigating  
pressure oscillations in the ejection piping. Energ.biul. no.9:  
12-20 S '58. (MIRA 12:2)  
(Pumping machinery--Testing) (Pipe--Hydrodynamics)

ROTTÉ, A.E.

Study of the operation of a high-speed plunger pump under high-intake pressure. Izv. vys. ucheb. zav.; neft' i gaz 3 no.12:  
99-104 '60. (MIRA 14:10)

1. Moskovskiy institut neftekhimicheskoy i gazovoy promyshlennosti  
imeni akademika I.M. Gubkina.  
(Oil well pumps)

ROTTÉ, A.E.

Results of industrial testing of a pumping unit with a capacity  
of 2,200 cubic meters per hour. Neft. khoz. 40 no.6:59-64 Je  
'62. (MIRA 15:6)

(Petroleum—Pipelines)

ROTTE, A.E.

Possibility of using the linearized differential equations of liquid flow for calculating pressure in a pipeline during the operation of piston pumps. Trudy MINKHiGP no.45:60-68 '63.  
(MIRA 16:7)

(Gas pipes—Hydrodynamics)

ROTT, A.E.; SKALOV, A.D.

Load fluctuations during parallel operation of 4GCH-42.5/60  
gas engines. Gaz. prom. no.8:31-35 Ag '58. (MIRA 11:8)  
(Diesel engine)

ROTTÉ, A.E.

Tests on the K-500 pump during pumping of high-viscosity petroleum products and an investigation of pressure fluctuations in the pipeline. Energ. biul. no. 5:18-25 My '58. (MIRA 11:8)  
(Pumping machinery)

AUTHOR:

Rotte, A.E.

SOV-90-58-9-5/8

TITLE:

Tests of the AN-500 Hydraulic Seam Fracturing Pump and a  
Study of the Oscillations in Pressure in the Drain-off  
Pipeline (Ispytaniye agregata gidrorazryva plasta AN-500  
i issledovaniye kolebaniy davleniya v vykidnom truboprovode)

PERIODICAL:

Energeticheskiy byulleten', 1958, Nr 9, Nr 9, pp 12-20  
(USSR)

ABSTRACT:

The article describes the results of the tests of the new AN-500 hydraulic seam fracturing pumping apparatus, powered by a V2-400A engine and fitted with a 2E-70 pump linked by a combined turbo-transmission. The trials were carried out on a test bed in the "Krasnyy Molot" Plant to determine the experimental characteristics of the apparatus and its defects; plot the external and regulator characteristics of the motor, determine the advisability of using a hydraulic transformer for driving the pump and study the variations in pressure in the pump's pressure line. The results of the tests are set out in the form of graphs and tables. The apparatus was found to develop its planned pressure of 500 atm with a pump productivity of 3.08 l/sec. The cooling system for the turbo-transmission fluid proved unsatisfac-

Card 1/2

Tests of the AN-500 Hydraulic Seam Fracturing Pump and a Study of the  
Oscillations in Pressure in the Drain-off Pipeline SOV-90-58-9-5/8

tory at this point. The use of a hydraulic transformer for driving the pump decreases the pressure variations in the drain-off pipeline by 10-12%. The author suggests that the capacity of the apparatus be raised to 800-1,000 h.p. There are 10 graphs, and 2 tables.

1. Pumps--Operation
2. Pumps--Test methods
3. Pipes--Pressure distribution

Card 2/2

ROTTE, A.R.; MATSKIN, L.A.

Pump assembly for pipeline pumping stations. Transp. i nefti i nefteprod. no. 912-18 "cl." (GLA 17:18)

1. Vsescyuznyy nauchnyy inzhenerno-stroitel'nyy institut i Gidrovoe upravleniye po transportu i snabzheniyu naft'y i nefteproduktami RSEPN.

RCTM, A.B.

Results of 3 tests of a pumping unit with an output of 1100 m/h for  
pumping gasoline. Transl. i khran. nefti no.10:5-11 '63.  
(MIRA 17:9)

1. Orgmontazhenergogaz.

"APPROVED FOR RELEASE: 07/19/2001

CIA-RDP86-00513R001445510010-0

Industrial tests of 14L-12X2 pump operating on gasoline. Transp. i  
khran. nefti no.5:10-14 '63. (MIRA 17:3)

1. Orgmontazhenergogaz.

APPROVED FOR RELEASE: 07/19/2001

CIA-RDP86-00513R001445510010-0"

ROTTÉ, A.E.

Results of tests on the BN-150 drilling pump. Prom.energ. 15  
no.6:20-25 Je '60. (MIRA 13:7)  
(Pumping machinery--Testing)  
(Boring)

"APPROVED FOR RELEASE: 07/19/2001

CIA-RDP86-00513R001445510010-0

REEDER,  
ROTT, A.E.

Changing the V2-300A diesel over to gas using spark ignition of  
the mixture. Energ. biul. no.1:17-25 Ja '58. (MIRA 11:1)  
(Diesel engines)

APPROVED FOR RELEASE: 07/19/2001

CIA-RDP86-00513R001445510010-0"

AID P - 2150

Subject : USSR/Engineering and Electricity

Card 1/1 Pub. 28 - 1/9

Author : Rotte, A. E.

Title : Results of tests of the new mobile electric power plant  
with the B2- 300A diesel engine

Periodical: Energ. byul., no.5, 1-9, My 1955

Abstract : The author presents a complete description and results  
of tests of the mobile 140-180 kw electric power plant  
built by the Moscow Electromechanical Plant (MEMZ).  
A general view of the installation, three-phase genera-  
tor and diesel is provided, as well as drawings of the  
disc coupling. The results of the test are fully des-  
cribed and supported with 5 tables and 8 graphs. The  
outfit is mounted on the MAZ-200 motor truck built by  
the Minsk Automobile Plant.

Institution: None

Submitted : No date

ROTTE, A.E.

Results of testing the RA-6 gas operated compressor. Gaz.prom.  
5 no.8:39-42 Ag '60. (MIRA 13:10)  
(Gas, Natural--Pipelines) (Compressors)

ROTE, A.E.

~~Results of testing a new mobile electric power plant with a B2-300A motor. Energ. biul. no. 5:1-9 My '55. (MIRA 8:6)~~  
(Electric power plant)

ROTTÉ, A.E.

Results of the industrial testing of the BV-60 pump and  
liquid compensator for reducing pressure fluctuations in pipes.  
Neft. khoz. 39 no.4:45-50 Ap '61. (MTRA 14:6)  
(Oil field pumps)

ROTTE, A.E.

Pressure variations in a pipeline with a periodic change in consumption. Izv. vys. ucheb. zav.; neft' i gaz 4 no.6:89-95 '61.  
(MIRA 15:1)

1. Moskovskiy institut neftekhimicheskoy i gazovoy promyshlennosti  
imeni akademika I.M.Gubkina.  
(Pipelines--Hydrodynamics)

ROTTÉ, A.E.

Fluid surge chamber and throttle for eliminating pressure  
pulsations in pipelines. Mash. i neft. obor. no.6:18-23 '63.  
(MIRA 17:8)

1. Vsesoyuznyy zaochnyy inzhenerno-stroitel'nyy institut.

ROTTE, A.Ye.

Mobile 48 Kw station model DG50-4. Energ.biuL no.8:7-11 Ag '53.  
(MLRA 6:8)  
(Electric power plants)

ROTTE, A.E.

Short description of the construction of and results of testing a  
6ch-36/45 engine. Energ.biul. no.9:8-12 S '54. (MIRA 7:9)  
(Diesel engines)

"APPROVED FOR RELEASE: 07/19/2001

CIA-RDP86-00513R001445510010-0

ROTTE, E.Ya.

Review of a practical manual on dietetic therapy. Vop. pit. 21 no.5:  
(MIRA 17:5)  
89-90 S-0 '62.

APPROVED FOR RELEASE: 07/19/2001

CIA-RDP86-00513R001445510010-0"

ROFFE, E. Ya. Cand. Med. Sci.

Dissertation: "Hypovitaminosis Encountered in the Dispensary." First Moscow Order of  
Lenin Medical Inst. 2 Jun 47.

SO: Vechernaya Moskva, Jun 1947 (Project #17836)

RUMANIA/Human and Animal Morphology - The Skeleton.

S

Abs Jour : Ref Zhur Biol., No 5, 1959, 21530

Author : Corondan, Gh., Kun. Gh., Fitara, V., Rottenberg,  
N., Birzu, St., Elias, St., Floreanu, M.

Inst Title : -

Investigation of Tinctorial Reactions of the Fibrillar Bone Structure

Orig Pub : Morfol. normala si patol., 1958, 3, No 1, 61-68

Abstract : It has been shown in bone preparations decalcified with strong HNO<sub>3</sub> containing formalin that the principal fibrillar network is stained with aniline blue (Mallory), is demonstrated by the Halle reaction, is not impregnated with silver, and is isotropic. Certain fibrillar lamellae give reactions of the basic type; others are fuchsinophilic, notably argentophilic, and are very weakly demonstrated by the Halle reaction, and are double refractile. The authors

Card 1/2

- 19 --

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ROTTENGRUBER, J.

Harmful and dangerous materials; a report from the meeting of the International Labor Office, August 13-24, 1956. p. 11

OCHRONA PRACY. (Centralna Rada Związków Zawodowych i Centralny Instytut Ochrony Pracy. Warszawa, Poland. Vol 14, no. 2, Feb. 1959.

Monthly list of East European Accessions (EFAI) LC, vol. 8, no. 8, Aug. 1959.

Uncl.

ROTTENGRUBER, J.

The physiology and labor productivity. p.13.

OCHEONA PRACY. (Centralna Rada Związków Zawodowych i Centralny Instytut  
Ochrony Pracy)  
Warszawa, Poland  
Vol. II, no. 5, May 1959.

Monthly list of East European Accessions (EEAI) LC Vol. 8, No. 9  
Sept. 1959  
Uncl.

RUTTENGRUBER, J.

Prevention is better than medical treatment. p.22.

OCHRONA PRACY. (Centralna Rada Związków Zawodowych i Centralny Instytut  
Ochrony Pracy)  
Warszawa, Poland  
Vol. 14, no. 5, May 1959.

Monthly list of East European Accessions (EEAI) LC Vol. 8, No. 9  
Sept. 1959  
Uncl.

COUNTRY : POLAND  
CATEGORY : Chemical Technology. Chemical Products and  
Their Applications. Safety and Sanitation  
ABS. JOUR. : RZKhim., No. 23 1959, No. 82727

AUTHOR : Rottengrubler, J.  
ENVY. : -  
TITLE : Detimental and Dangerous Substances

ORIG. PUB. : Ochrana pracy, 1959, 14, No 2, 11-17

ABSTRACT : Report on the conference of Specialist of the International Bureau of Labor that took place on September 13-24, 1958. The following problems were discussed at the conference:  
classification of detrimental substances (6 groups: explosive, spontaneously combustible, flammable, poisonous, caustic, radioactive), compilation of the basic list of dangerous substances, which must have special warning markings on packages, discussion of special warning sticker samples, problems pertaining to transportation of dangerous and detrimental

CARD: 1/2

"APPROVED FOR RELEASE: 07/19/2001

CIA-RDP86-00513R001445510010-0

ROTTEGRUBER, Jan, Inz.

Artificial respiration. Przegl kolej elektrotechn 13 no.7:217-  
220 '61.

APPROVED FOR RELEASE: 07/19/2001

CIA-RDP86-00513R001445510010-0"

IANOVICI, Mircea, ing.; COSMA, Dante, ing.; DROSU, Mihai, ing.;  
ROTTENSTEIN, Butu, ing.

Contributions to the study of magnetic characteristics of dead  
soft steel for intense field magnetic circuits. Electrotehnica  
11 no.7:266-274 Jl '63.

1. Inginer principal la Institutul de fizica atomica al Academiei  
R.P.R. (for Ianovici). 2. Sef de sectie la Institutul de cercetari  
metalurgice (for Cosma). 3. Sef adj. de sector la Uzinele Vulcan  
Bucuresti (for Drosu). 4. Cercetator la Institutul de cercetari  
metalurgice (for Rottenstein).

ROTTER, Andrzej; MICHOWICZ, Jozef; KOPERSKA-ROTTEROWA, Barbara

Value of Sulkowitch reaction for the determination of calcium concentration in the blood and urine. Polski tygod. lek. 14 no.31:  
1453-1456 3 Aug 59

1. (z II Kliniki: Chorob Wewnętrznych A. M. we Wrocławiu: kierownik:  
prof. dr med. Antoni Falkiewicz)  
(CALCIUM, chem.)

L 17868-63

EWT(m)/BDS AFFTC/ASI

ACCESSION NR: AP3003695

S/0048/63/027/007/0907/0913

AUTHOR: Boyarkina, A.N.; Rotter, I.

55  
53TITLE: Anomolously stable above-threshold states of C<sup>13</sup> and N<sup>13</sup> /Report of the Thirteenth Annual Conference on Nuclear Spectroscopy held in Kiev from 25 January to 2 February 1963/

SOURCE: AN SSSR, Izv.Seriya fizicheskaya, v.27, no.7, 1963, 907-913

TOPIC TAGS: nuclear reaction, anomolous level, pickup, C<sup>13</sup>, N<sup>13</sup>

ABSTRACT: As was shown earlier (V.V.Balashov and A.N.Boyarkina, Zhur.eksp.i teor. fiz., 43, 117, 1962), under proton bombardment involving ejection of a nucleon there form "hole" type states, which, being genealogically related with the ground state of the initial nucleus, have an anomalously small single-particle width. In discussing the N<sup>14</sup>(p,2p)C<sup>13</sup> reaction particular attention was given to the 5/2- level which corresponds to the most intense N<sup>14</sup>--C<sup>13</sup> transition; this level, according to calculations, should lie at about 6 MeV. Experimental searches for this level, however, have been fruitless. Accordingly, it was deemed desirable to analyze the potentialities and limitations of the experimental methods used to detect this and

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L 17868-63  
ACCESSION NR: AP3003695

2

other similar anomalously stable high-lying levels. The calculations were carried out in the framework of the intermediate coupling model, and involved evaluation of the correlation functions and transition probabilities, taking into account configuration mixing. The analysis indicates that the negative experimental results as regards detection of the 5/2- level in Cl<sup>3</sup> and N<sup>13</sup> are not fortuitous: the theory is correct, but the experimental techniques employed to date are inadequate in view of the anomalous character of the level. It is suggested that confirmation of the existence of levels of this type may be obtained by studying the pick-up-reaction at high incident particle energies and inelastic scattering of fast alpha-particles. "The author is grateful to V.V.Balashov for his constant interest in the work." Orig.art.has: 1 formula, 4 figures and 6 tables.

ASSOCIATION: Ob"yedinennyy institut yadernykh issledovaniy (Joint Institute for Nuclear Research)

SUBMITTED: OO

DATE ACQ: 02Aug63

ENCL: OO

SUB CODE: NS

NO REF Sov: 001

OTHER: 016

Card2/2

"APPROVED FOR RELEASE: 07/19/2001

CIA-RDP86-00513R001445510010-0

BALASHOV, V.V.; ROTTER, I.; ZRELOVA, N.N., tekhn. red.

[Relation between shell model and "cluster" model excitations in light nuclei] O sviazi obolochechnykh i "klasternykh" vozbuздenii v legkikh iadraх. Dubna, Ob"edinenniy in-t iadernykh issl., 1964. 10 p. (MIRA 17:4)

APPROVED FOR RELEASE: 07/19/2001

CIA-RDP86-00513R001445510010-0"

ROTTER, I.

"Alpha Widths for C<sup>12</sup> in the Shell Model."

report submitted for All-Union Conf on Nuclear Spectroscopy, Tbilisi,  
14-22 Feb 64.

Joint Inst for Nuclear Res.

L 37045-66 EWP(t)/ETI IJP(c) JD/JG  
ACC NR: AP6027025

SOURCE CODE: GE/0061/66/017/05-/0247/0257

6/1  
B

AUTHOR: Rotter, I.

ORG: Laboratory for Theoretical Physics, Joint Institute for Nuclear Research,  
Dubna, USSR

TITLE: Lithium-induced reactions and the structure of light nuclei

SOURCE: Annalen der Physik, v. 17, no. 5-6, 1966, 247-257

TOPIC TAGS: light nucleus, nuclear structure, lithium, angular distribution,  
spectrum analysis, deuteron reaction, nuclear reaction, coulomb interaction

ABSTRACT:  
The Butler theory for (d,p) stripping reactions was applied to lithium-induced reactions of the type ( $\text{Li}^6, \alpha$ ), ( $\text{Li}^6, d$ ), ( $\text{Li}^7, t$ ), and ( $\text{Li}^7, \alpha$ ), and some characteristic differences between deuteron and lithium-induced reactions were discussed. The angular distributions and the spectra of the light final products were investigated and it was shown that even the simple theory with plane waves (without account of Coulomb interactions) is capable of explaining some characteristic features of the lithium-induced reactions. Effects of nuclear structure are shown to play an important role in the angular distributions and in the spectra of the deuterons, alphas, and tritons.

Orig. art. has: 4 figures, 6 formulas and 4 tables. [Orig. art. in Eng.]  
[JPRS: 36,465]

SUB CODE: 20 / SUBM DATE: 28Jul65 / ORIG REF: 003 / OTH REF: 020

Card 1/1

0017

0013

RUTTER, J.

#245

- S-5
1. Your organization or "the Attorney General's Office in Newark" (sic) has been requested by the FBI to furnish "any and all information concerning the following subjects:
2. "Operation of firm corporation and its president, including financial history, location, personnel, name, telephone number, and other information concerning the firm, its president, and the location of its principal office."
3. "Names of persons employed by the firm, including their names, addresses, telephone numbers, and the nature of their employment."
4. "Names of persons associated with the firm, including their names, addresses, telephone numbers, and the nature of their association with the firm."
5. "Names of persons who have been engaged by the firm to furnish services, including their names, addresses, telephone numbers, and the nature of the services furnished."
6. "Copies of all contracts of financing or the issuance of the firm, loans, drawings of property, or the holding of shares of stock, located at 100 Broad Street, Newark, New Jersey, dated January 1, 1957."
7. "Financial status of firm, dated January 1, 1957."
8. "Information concerning the firm's business, including the nature of its products."

ROTTER, Leo; POSUM, Jiri

Surface drying of molds made from binding molding mixture with  
water glass and bentonite. Slevarenske 13 no.2:57-62 F '65.

1. Smeralovy zavody National Enterprise, Brno and Zavody V.I.  
Lenina National Enterprise, Ceska Budejovice.

ROTTER, Leo, FOSUM, Jiri

Properties of molding binding mixtures with water glass and  
bentonite. Slevarenstvi 12 no.11:444-448 N '64.

1. Smeralovy zavody, Brno and Zavody V.I.Lenina, Ceske Budejovice.

ROTTER, Leo

Defects of synthetic molding mixture for making raw steel castings,  
their causes and elimination. Slevarenstvi 11 no.2:58-65 F '63.

1. Smeralovy zavody, Brno.

PORAZIL, Frantisek; BUZEK, Vaclav; ROTTER, Leo

Experience in production and use of waterless coating Pyrogel.  
Slevarenstvi 11 no.4:157-160 Ap '63.

1. Vychodoceske chemicke zavody Synthesia, Uhrineves u Prahy;  
Ceskomoravska-Kolben-Danek Praha, zavod Slevarny; Smeralovy  
zavody, Brno.

Rotter Leo's

The electrodeposition of tin from aqueous solutions of salts formed in refining lead by the Harris process. Ferdinand Fränz and Leo Rotter (Vysoká škola chem. inženýrství, Prague). *Hutnické listy*, 28-31 (1957). — The aq. soln. of salts formed in refining crude lead by the Harris process has been electrolyzed experimentally. In the electrolysis, rotating and oscillating electrodes have been used and the values for the current efficiency and the velocity of Sn-sepn. were compared with those measured in the electrolysis with an immovable electrode. 6 references. P. S.

ROTTENBERG, V. B.

"Chimiotherapeutique de la pneumonie lobaire par sulfidine." Guelstein, E. M.,  
Goldenguerchel, I. I., Rottenberg, V. B., Soutkovaia, A. P., et Chapiro, F. M., (p. 691)

SO: Journal of General Chemistry (Zhurnal Obshchei Khimii) 1940, Volume 18, no. 1.

ROTTER, Josko

Good use of ships, Brodogradnja 5 no.3:143-154 '54.

1. Inspektor Jugolinije, Rijeka.

ROTTER, J.

"Poland Changes From an Importer to an Exporter of Fishing Equipment." p. 24, (GOSPODARKA RYBNA, Vol. 5, no. 2, Feb. 1953, Warsaw, Poland).

SO: Monthly List of East European Accession, Lib of Congress, Vol 2, no 19 Oct. 1953, Uncl.

ROTTER, L.; VARADI, F.

Use of break down voltage for measuring gas pressure. p. 132. (Magyar Kemiai Folyoirat, Budapest, Vol. 59, no. 5, May, 1953)

SO: Monthly list of East European Accessions (EEAL), LC Vol 4, No. 6, June 1955, Unclassified

ROTTER, L

✓ On the Electrolytic Precipitation of Tin from Aqueous  
Solutions of Salts Formed in Refining Lead by Harris's Process.  
F. Franz and L. Rotter. *Municie Lushy*, 1957, 12, (1), 28-31.  
(In Czech). Results are given of experiments in which, instead  
of the usual static electrodes, rotating and oscillating elec-  
trodes were used. Agitated cathodes lead to higher rates of  
deposition of tin only under certain conditions depending  
primarily on the current density. — P. F.

18-27

6

P. F.  
Jan

Rötter, L.

Measurement of gas pressure by breakdown voltage - Gyullás feszültsége felhasználása gáznyomás mérése - L. Rötter and F. P. Várdi. (Hungarian Journal of Chemistry) *Magyar Kémiai Folyóirat* - Vol. 59, 1953, No. 5, pp. 132-133, 3 fig.)

When increasing the potential between the electrodes in a Townsend discharge, the gas discharge current increases very rapidly at reaching a certain point. This critical point (breakdown voltage) depends on the gas pressure and on the distance between the electrodes. Based on this phenomenon, the pressure in a system was measured by sealing one of the electrodes into a glass tube or, by securing both electrodes onto the outside of the glass tube and applying a voltage (from 0 to 7000 v) between the electrodes by means of a regulable transformer. A 25 mm wide electrode cemented to the outer surface of the tube was used. Measurements were carried out by connecting a resistance into the secondary high-voltage circuit. The produced voltage changes are registered by means of a cathode ray oscilloscope. A calibration curve is necessary for each new system; these curves can be correlated to the obtained values by means of the McLeod gauge. The advantage of the apparatus is that it may also be applied for gases which have a corrosive effect on metal parts. - D. V.

MF  
10-12-34

ROTTER, Leo

Use of cementing product Dextroner in bentonite mixtures.  
Slevarenstvi 9 no.12:476-478 D '61.

1. Smeralovy zavody, n.p., Brno.